

ZNRF2 Rabbit mAb

Catalog No: #49291



Package Size: #49291-1 50ul #49291-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

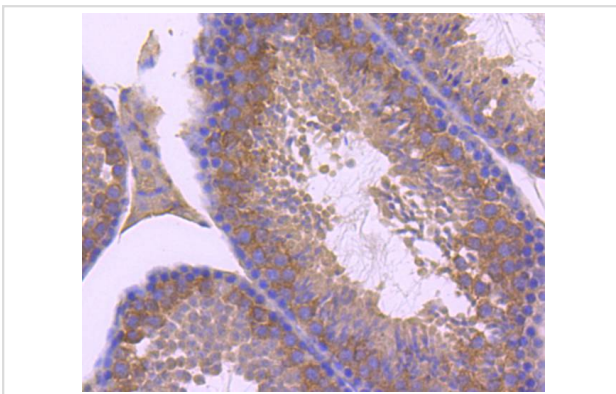
Description

Product Name	ZNRF2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	JJ0924
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	E3 ubiquitin-protein ligase ZNRF2 antibody Protein Ells2 antibody RING finger protein 202 antibody RNF202 antibody Zinc/RING finger protein 2 antibody Znr2 antibody ZNRF2_HUMAN antibody
Accession No.	Swiss-Prot#:Q8NHG8
Calculated MW	24 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-ZNRF2 antibody. Counter stained with hematoxylin.

Background

NF-E2 related factor 2 (Nrf2) is a member of the cap $\alpha\Omega\frac{1}{2}\alpha\Omega\frac{1}{2}\alpha\Omega\frac{1}{2}\alpha\Omega\frac{1}{2}$ collar family of basic leucine zipper transcription factors. By binding antioxidant response elements (AREs), Nrf2 activates the transcription of genes encoding antioxidant and phase II drug-metabolizing enzymes needed to protect cells against oxidative damage. Transcriptional targets regulated by Nrf2 include genes encoding glutathione S-transferases, superoxide dismutase-1, and heme oxygenase-1.

References

1. Hoxhaj G., et al. 2012. ZNRF2 is released from membranes by growth factors and, together with ZNRF1, regulates the Na⁺/K⁺ATPase. *J. Cell. Sci.* 125:4662-4675.
2. Bian Y., et al. 2014. An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome. *J. Proteomics* 96:253-262.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.